Dairy

*Lesson Plan for Grade 1, Art*

*Prepared by NAITC & Illinois Ag in the Classroom*

*Modified by Mississippi State University, School of Human Science*

*for Mississippi Farm Bureau Federation - AITC*

# OVERVIEW & PURPOSE

In this lesson, students will observe and identify different types of cattle based on their markings.

# EDUCATIONAL STANDARDS

**Mississippi College-and-Career Readiness Standards:**

VA: Cr2.1.1 Explore uses of materials and tools to create works of art or design.

Math-1.G.2 Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape. \*\*\*

**NALOs:**

T2.K-2 b. Identify animals involved in agricultural production and their uses (i.e., work, meat, dairy, eggs)

# OBJECTIVES

* Students will demonstrate an ability to identify types of cattle based on markings.

# MATERIALS NEEDED

* [The Amazing Dairy Cow](https://drive.google.com/file/d/1nu79XYXZoZM3Pcj0cIb-ah9YymqQU9Le/view?usp=sharing)
* Large dinner plates, 1 per student
* Small dessert plates, 1 per student
* String
* Glue or Staples
* Crayons, markers, or colored pencils

# Ag Facts

* It used to take a person 1 hour to milk 6 cows by hand. Today, a person can milk 100 cows or more in an hour with the use of modern machines.
* Before modern milk delivery, when people traveled and wanted milk, they had to take their cows with them.
* Vanilla is America's favorite ice cream flavor.
* The U.S. dairy industry conducts more than 3.5 million tests each year to certify the milk we drink is safe and wholesome.
* In 2020, there were 8,500 milk cows in Mississippi.

# Lesson Set Up:

1. Pass out materials to students and walk them through each step to complete their “Moo Mask”.
2. Once their “Moo Masks” have been completed, gather the students into a group to be read to.

# LEARNING PROCEDURES

1. Have the students cut one dessert plate in half.
2. Have the students staple or glue the other dessert  
   plate behind the large dinner plate. They should draw eyes on the dessert  
   plate and a mouth on the dinner plate.
3. Next use the dessert plate that was cut in half to make two ears that are glued  
   or stapled to the top of the dessert plate with the eyes.
4. Have the students use the writing utensils to color the cow with black and white  
   spots.
5. Have the students add an ear tag to their mask, using their birth date in numerals.
6. Attach string to the side of the mask to allow it to wrap around their heads.
7. Let the students wear their masks while [The Amazing Dairy Cow](https://drive.google.com/file/d/1nu79XYXZoZM3Pcj0cIb-ah9YymqQU9Le/view?usp=sharing) is read aloud

**Concept Elaboration and Evaluation**

* After, allow the students to ask questions and summarize what they just learned from the book.

# Additional Learning Procedures

To help students review and elaborate more about dairy cattle, complete a [write about](https://drive.google.com/file/d/1vfZVHnv3nc2VwluEsBSxzxva4jR6PGc1/view?usp=sharing) with key terms that can be pulled from The Amazing Dairy Cow. Such as cow, udder, milk, and parlor.

More opportunities to include dairy in students' learning is by reading aloud the [“Out and About at the Dairy Farm” by Andy Murphy.](https://www.amazon.com/About-Dairy-Farm-Field-Trips/dp/1404801669/ref=sr_1_3?crid=2168I97QYMOOX&keywords=dairy+cattle+book+for+children&qid=1692804974&s=books&sprefix=dairy+cattle+book+for+children%2Cstripbooks%2C109&sr=1-3)

Additional Texts to Include:

[Chuck’s Ice Cream Wish](https://www.agfoundation.org/recommended-pubs/chucks-ice-cream-wish-tales-of-the-dairy-godmother-educators-guide)

[From Milk to Ice Cream](https://www.agfoundation.org/recommended-pubs/from-milk-to-ice-cream-who-made-my-lunch)

[The Cow Conundrum](https://www.agfoundation.org/recommended-pubs/the-cow-conundrum)



Source: <https://www.agclassroom.org/teacher/matrix/>

*The MS Farm Bureau Women’s Committee has additional resources to help aid you in this lesson with a life size cow prop, please contact Dedra Luke at 601-977-4169 to learn more!*

*For more information and additional lessons visit*

*https://msfb.org/ag-in-the-classroom/lesson-plans/.*